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OXC - 0342

25 February 1960

MEMORANDUM FOR : Deputy Director (Plans)

THROUGH : Acting Chief, DPD [ ]

SUBJECT : OXCART - Pratt and Whitney Proposal for Development of Exhaust Ionizing Equipment for the J-58 Engine

1. This memorandum contains a recommendation for the Deputy Director (Plans). Such recommendation is contained in paragraph 3.

2. In view of the high cost estimates (in excess of [ ]) submitted in the past by Pratt and Whitney for the development of a variable additive control system for the J-58 engine, Pratt and Whitney was directed to approach the problem in phases in order to hold down costs and inasmuch as at this time [ ] was of the opinion that a simple on-off constant flow system would suffice. Therefore, Pratt and Whitney submitted a new proposal dated 15 February 1960, attached, which covers: a) continued evaluation of exhaust ionizing additive on the J-57; b) tests to determine effects of altitude on the attenuating properties of the ionizing element; and c) research to define a suitable additive carrier and injection system by 30 July 1960. The estimated cost of this phase of the program through 30 July 1960, including charges of [ ] accumulated since 1 November, is [ ]. Pratt and Whitney views this work as a change in the scope of work and requests that its contract be amended. Further, that the contract price schedule be changed from [ ] to [ ] and Part X.C. of the contract reflect a change in the ceiling price from [ ] (increase because of difference between target and ceiling price). No funds will be transferred to P & W at this time for this purpose since funds available to P & W are adequate.

3. It is recommended that:

a. the DD/P approve the Pratt and Whitney proposal dated 15 February for the development of exhaust ionizing equipment for the J-58 engine.

b. the DD/P approve the amendment of Contract [ ] (TT-1001) to reflect the change in scope of work and to raise the ceiling price of the contract from [ ]

SIGNED

JOHN PARANOSKY

Deputy Chief, Development Branch  
DPD-DD/P

Attachment:

P & W Proposal for Contract  
Amendment dtd 15 Feb. 1960

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DOCUMENT NO. 13  
NO CHANGE IN CLASS. ☒☐ DECLASSIFIED

CLASS. CHANGED TO: TS S 2012

NEXT REVIEW DATE:

AUTH: NR 10-2

DATE: 5 Feb 82 REVIEWER: [ ]

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**CONCURRENCE:**

SIGNED

WILLIAM BURKE  
COLONEL, USAF  
Acting Chief, DFD

20 FEB 1960

Date

**Recommendation in paragraph 3 APPROVED:**

(sgc) Richard M. Bissell, Jr.

RICHARD M. BISSELL, JR.  
Deputy Director (Plans)

1 MAR 1960

Date

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